

1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
6	L	BRIDGEPORT RES	630.300	Nutrients		High	3000	Acres		
				<i>Livestock grazing in wetlands upgradient of reservoir. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Agriculture						
				Sedimentation/Siltation		High	3000	Acres		
				<i>Watershed disturbance including livestock grazing. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Source Unknown						
6	L	CROWLEY LAKE	603.100	Arsenic		High	5280	Acres		
				<i>To be addressed as part of Watershed Management Initiative (WMI) for upper watershed, beginning with Years 3-5 of WMI program, if resources permit.</i>						
				Natural Sources						
				Nutrients		High	5280	Acres		
				Source Unknown						
6	L	DONNER LAKE	635.200	Priority Organics		Low	960	Acres		
				<i>PCBs in fish and sediment exceed Maximum Tissue Residue Level criteria; unknown nonpoint sources. Phase I Truckee River sediment TMDL projected for completion in 1999. Additional monitoring/study necessary to determine sources/cleanup potential for priority organics. TMDLs for organics to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Source Unknown						
6	L	EAGLE LAKE (2)	637.300	Org. enrichment/Low D.O.		High	25000	Acres		
				<i>Nutrients from wastewater disposal to land, livestock grazing, other watershed disturbance. Problems being addressed through sewerage of septic system development and RWQCB's ongoing nonpoint source program. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						
				Land Development						
				Septage Disposal						
				Nonpoint Source						
6	L	GRANT LAKE	601.000	Arsenic		High	1095	Acres	0198	0199
				<i>Targeted for "easy" (already funded) TMDL documentation that arsenic from natural sources.</i>						
				Natural Sources						

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6	L	HAIWEE RES	603.300	Copper		Low	1800	Acres		
				Copper problems related to algicide use to prevent taste/odor problems in drinking water supplies. Further biological monitoring being required. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.						
				Habitat Modification						
				Nonpoint Source						
6	L	HORSESHOE LAKE (2)	628.000	Sedimentation/Siltation		Low	1	Acres		
				Further monitoring may permit delisting. TMDLs, if needed to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.						
				Construction/Land Development						
6	L	INDIAN CREEK RES	632.200	Nutrients		High	160	Acres	0198	0199
				Reservoir formerly received tertiary-treated domestic wastewater from South Tahoe Public Utility District; unreliability of treatment process led to eutrophication. District is now restoring reservoir through flushing with fresh water.						
				Wastewater						
6	L	LAKE TAHOE	634.000	Nutrients		High	120000	Acres		
				Watershed disturbance, urban stormwater, atmospheric deposition. Lake is targeted for sediment and nutrient TMDLs but ability to complete them depends on availability of reliable watershed model. Model calibration, and additional watershed assessment, were funded as a result of 1997 presidential forum; TMDLs for entire watershed to be coordinated with Tahoe Regional Planning Agency's 2001 evaluation of attainment of environmental threshold standards.						
				Silviculture						
				Construction/Land Development						
				Urban Runoff/Storm Sewers						
				Other Urban Runoff						
				Wastewater						
				Hydromodification						
				Drainage/Filling Of Wetlands						
				Marinas						
				Atmospheric Deposition						
				Highway Maintenance And Runoff						
				Nonpoint Source						

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				Sedimentation/Siltation		High	120000	Acres		
				<i>Watershed disturbance including logging, construction, urban and highway runoff. Development of TMDLs depends on availability of reliable watershed model. Funding for final calibration of U.C. Davis Tahoe Research group model, and for additional watershed assessment, was provided as a result of 1997 presidential forum. TMDLs to be coordinated with Tahoe Regional Planning Agency's 2001 evaluation of attainment of environmental threshold standards.</i>						
				Source Unknown						
6	L	PLEASANT VALLEY RES	603.200	Org. enrichment/Low D.O.		High	115	Acres		
				<i>Problems related to watershed disturbance/reservoir management to be addressed together with problems in Crowley Lake as part of the Watershed Management Initiative; TMDLs to be addressed during years 3-5 of the next 13 years of the TMDL development process, if resources permit.</i>						
				Flow Regulation/Modification						
				Nonpoint Source						
6	L	STAMPEDE RES	636.000	Pesticides		Low	3444	Acres		
				<i>Sources unknown; no significant agriculture or residential development in watershed; feasibility of reducing loading probably low. Recalculation of Maximum Tissue Residue Level criteria makes delisting possible in next cycle. TMDLs, if needed, will be addressed during years 6-13 of the next 13 years of the TMDL development process.</i>						
				Source Unknown						
6	L	TINEMAHA RES	603.200	Arsenic		Low	180	Acres		
				<i>TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Natural Sources						
				Upstream Impoundment						
				Nonpoint Source						
				Metals		Low	180	Acres		
				<i>Watershed disturbance, upstream geothermal sources of arsenic. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Source Unknown						
6	L	TOPAZ LAKE	631.100	Sedimentation/Siltation		High	2300	Acres		
				<i>Agriculture, river channel damage during January 1997 flood. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Agriculture						
				Nonpoint Source						

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6	L	TWIN LAKES	603.100	Nutrients		Low	3	Acres		
				Watershed disturbance, urban runoff; to be addressed during years 6-13 of the next 13 years of the TMDL development process, if resources permit.						
				Land Development Other Urban Runoff Nonpoint Source						
6	R	AMARGOSA RIVER	609.000	Salinity/TDS/Chlorides		Medium	198	Miles	0198	0199
				Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds						
				Natural Sources						
6	R	ASPEN CREEK	632.100	Metals		High	4	Miles	0198	0199
				Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.						
				Acid Mine Drainage Natural Sources Nonpoint Source						
6	R	AURORA CANYON CREEK	630.300	Habitat alterations		Low	13	Miles		
				Livestock grazing. Listed on basis of limited data; further monitoring may permit delisting. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.						
				Range Land						
6	R	BEAR CREEK (R6)	635.200	Sedimentation/Siltation		High	4	Miles	1195	0199
				Creek affected by hydrologic modification for ski resort/snow making pond-affected by sediment from pond dam break. Phase I sediment TMDL for Truckee River and tributaries projected to be completed for Basin Plan amendments in 1999, using 1998 Section 104/106 grant funds; Phase II work has received Section 205(j) funding and will begin in 1998.						
				Hydromodification Nonpoint Source						

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6	R	BLACKWOOD CREEK	634.200	Sedimentation/Siltation		High	8	Miles	0198	0199
				Creek affected by past gravel quarry operations and other watershed disturbance. Existing USFS restoration program to be documented as phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.						
				Silviculture						
				Construction/Land Development						
				Resource Extraction						
				Hydromodification						
				Nonpoint Source						
6	R	BODIE CREEK	630.200	Metals		High	6	Miles		
				Affected by drainage from inactive mines, mine tailings in creek. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.						
				Resource Extraction						
				Mine Tailings						
				Nonpoint Source						
6	R	BRONCO CREEK	635.200	Sedimentation/Siltation		High	1	Miles	1195	0199
				Watershed disturbance in naturally highly erosive watershed; targeted for sediment TMDL as part of larger Truckee River watershed effort. Phase I TMDL to be completed in 1999 using 1998 Section 104/106 grant funds; Phase II, using Section 205j funds, to begin in 1998.						
				Natural Sources						
				Nonpoint Source						
6	R	BRYANT CREEK	632.100	Metals		High	10	Miles	0198	0199
				Affected by acid mine drainage from Leviathan Mine. Problem being addressed by RWQCB through Leviathan Mine workplan; workplan will be documented as Phase I "easy" (already funded) TMDL in 1998 using Section 104/106 grant funds.						
				Acid Mine Drainage						
				Nonpoint Source						
6	R	CARSON RIVER, E FK	632.100	Nutrients		High	1	Miles		
				Probably livestock grazing. River was listed due to data collected by State of NV near state line in 1980s, probably reflecting drought conditions. NV has since delisted the river for these pollutants. Further monitoring may support delisting in CA. TMDLs, if needed, to be addressed during years 3-5 of the next 13 years of the TMDL development process, resources permitting.						
				Range Land						
				Nonpoint Source						

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6	R	CLARK CANYON CREEK	630.300	Habitat alterations		Medium	5	Miles		
				<i>Livestock grazing. Listed on basis of very limited information. CRMP has been implemented since 1980s; further monitoring may support delisting. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						
6	R	CLEARWATER CREEK	630.400	Sedimentation/Siltation		Medium	7	Miles		
				<i>Livestock grazing. Listed on basis of limited data; additional monitoring may support delisting. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						
6	R	COTTONWOOD CREEK (1)	603.300	Water/Flow Variability		High	7	Miles		
				<i>Lower reach of creek affected by diversions for LADWP system; TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Flow Regulation/Modification						
6	R	EAST WALKER RIVER	630.000	Metals		Medium	8	Miles		
				<i>Inactive mines and other watershed disturbance; highway runoff. Listed initially due to elevated fish tissue levels; needs further monitoring for metals impacts and may be considered for delisting for metals in next cycle. TMDLs, if needed, will be addressed during years 6-13 of the next 13 years of the TMDL development process.</i>						
				Range Land						
				Other Urban Runoff						
				Resource Extraction						
				Natural Sources						
				Nonpoint Source						
				Sedimentation/Siltation		High	8	Miles		
				<i>River affected by turbid releases from Bridgeport Reservoir; major sediment discharge resulted litigation by State Department of Fish and Game. Further monitoring of beneficial use recovery may support delisting. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Hydromodification						
6	R	GOODALE CREEK	603.300	Sedimentation/Siltation		Low	9	Miles		
				<i>Potential for delisting following further monitoring. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						

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6	R	GRAY CREEK (R6)	635.000	Sedimentation/Siltation		High	4	Miles	1195	0199
				<i>Disturbance of naturally highly erosive watershed; Phase I of the TMDL in progress, to be completed as Basin Plan amendment using 1998 Section 104/106 grant funds. Section 205(j) funding has been obtained for monitoring to begin in 1998 for use in Phase II of the TMDL.</i>						
				Natural Sources						
				Nonpoint Source						
6	R	GREEN CREEK	630.400	Habitat alterations		Medium	1	Miles		
				<i>Creek affected by hydroelectric dam construction, livestock grazing. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process.</i>						
				Range Land						
				Hydromodification						
6	R	GREEN VALLEY LAKE CREEK	628.200	Priority Organics		Low	5	Miles		
				<i>Priority organics (source unknown) were detected in stream in 1980's; no monitoring since. Stream needs reevaluation to determine need for listing. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Source Unknown						
6	R	HEAVENLY VALLEY CREEK	634.100	Sedimentation/Siltation		High	4	Miles	0198	0199
				<i>Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional sediment modeling.)</i>						
				Construction/Land Development						
				Land Development						
				Hydromodification						
				Habitat Modification						
				Recreational Activities						
				Nonpoint Source						
6	R	HOT CREEK (1)	631.400	Metals		Medium	5	Miles	0198	0199
				<i>Natural geothermal drainage; targeted for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds</i>						
				Natural Sources						

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6	R	HOT CREEK (2)	603.100	Metals		High	10	Miles	0198	0199
				Natural geothermal springs. Targeted for "easy" (already funded) TMDL using Section 104/106 grant funds.						
				Natural Sources						
6	R	HOT SPRINGS CANYON CREEK	630.300	Sedimentation/Siltation		Medium	1	Miles		
				Listed on basis of limited data; further monitoring may support delisting. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process.						
				Range Land						
6	R	INDIAN CREEK (1)	632.200	Habitat alterations		High	7	Miles		
				Watershed disturbance from livestock grazing. TMDLs to be addressed as part of Carson River WMI implementation.						
				Pasture Land						
6	R	LASSEN CREEK	637.000	Flow alterations		Medium	6	Miles		
				Agricultural diversions. TMDL to be addressed during years 6-13 of the next 13 years of the TMDL development process, as resources permit.						
				Flow Regulation/Modification						
6	R	LEE VINING CREEK	601.000	Flow alterations		High	11	Miles		
				Affected by diversions by Los Angeles Dept. of Water and Power. Court ordered restoration project is underway; will probably be documented as Phase I "easy" (already funded) TMDL during years 3-5 of the 13 years of TMDL implementation, resources permitting.						
				Flow Regulation/Modification						
6	R	LEVIATHAN CREEK	632.100	Metals		High	2	Miles	0198	0199
				Lower reach of creek affected by acid drainage from Leviathan Mine; reach has been diverted around tailings as part of ongoing pollution abatement project. Lahontan RWQCB workplan to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.						
				Acid Mine Drainage						
6	R	LITTLE HOT CREEK	603.100	Arsenic		Medium	1	Miles	0198	1299
				Natural (geothermal?) sources: targeted for "easy" (already funded) TMDL using 1998 Section 104-106 grant funds.						
				Natural Sources						

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6	R	MAMMOTH CREEK	603.100	Metals		High	22	Miles		
				<i>Mammoth Creek is the headwaters of Hot Creek (2); However, it is affected by urban runoff from the Town of Mammoth Lakes as well as natural sources of metals. Urban runoff problems at Mammoth are being addressed through the RWQCB's ongoing regulation and enforcement problems and the WMI.</i>						
				Natural Sources Nonpoint Source						
6	R	MILL CREEK (1)	601.000	Flow alterations		High	7	Miles		
				<i>Creek affected by water diversions. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Water Diversions						
6	R	MILL CREEK (3)	641.300	Sedimentation/Siltation		Medium	6	Miles		
				<i>Livestock grazing. TMDL to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						
6	R	MOJAVE RIVER	628.200	Priority Organics		High	10	Miles		
				<i>River was 303(d) listed in 1980's due to subsurface "Barstow slug" of toxic pollutants from various urban/industrial sources; later monitoring shows main "slug" has dissipated but some areas of pollution remain. River is currently a WMI priority watershed with emphasis on revision of TDS/salinity objectives. TMDLs for "mini-slug" pollutants to be addressed, if necessary, during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Land Disposal Hazardous Waste						
6	R	MONITOR CREEK	632.100	Metals		High	4	Miles		
				<i>Drainage from inactive mines; other watershed disturbance. Problems to be addressed as part of Carson River WMI effort during years 3-5 of the next 13 years of TMDL development.</i>						
				Resource Extraction Natural Sources Nonpoint Source						

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6	R	OWENS RIVER	603.300	Arsenic		High	120	Miles		
				<i>Arsenic from natural geothermal sources; amounts affected by reservoir management. TMDLs for Long HA (603.10) to be addressed during years 3-5 of the next 13 years of the TMDL development process, as part of WMI, if resources permit. TMDLs for Upper and Middle Owens HAs (603.20 and 603.30) to be addressed during years 6-13 if resources permit.</i>						
				Natural Sources						
				Habitat alterations		High	120	Miles		
				<i>TMDLs for Long HA (630.10) to be addressed in years 3-5 of the next 13 years of the TMDL development process as part of the WMI, resources permitting. TMDLs for Upper and Middle Owens HA's to be addressed during years 6-13 of the next 13 years of TMDL development, resources permitting.</i>						
				Flow Regulation/Modification						
6	R	PINE CREEK (2)	637.300	Sedimentation/Siltation		High	24	Miles	0198	0199
				<i>Livestock grazing; other watershed disturbance. Watershed/fisheries restoration by existing CRMP group to be documented as "easy"(already funded) TMDL, or as basis for delisting, using 1998 Section 104/106 grant funds.</i>						
				Range Land						
				Nonpoint Source						
6	R	ROUGH CREEK	630.000	Habitat alterations		Medium	8	Miles		
				<i>Livestock grazing impacts. Additional monitoring may provide grounds for delisting. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						
6	R	SKEDADDLE CREEK	637.100	High Coliform Count		Low	5	Miles		
				<i>Livestock grazing on BLM land led to reports of high coliform levels several years ago; current status unknown. Further monitoring may support delisting. TMDLs, if needed, will be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						
6	R	SNOW CREEK	634.200	Habitat alterations		High	1	Miles		
				Land Development						
				Drainage/Filling Of Wetlands						
				Nonpoint Source						

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6	R	SQUAW CREEK	635.200	Sedimentation/Siltation		High	8	Miles	1195	0199
				<i>Watershed heavily disturbed by ski resort construction and construction of other facilities for 1960 Winter Olympics; part of creek was channelized. Lower creek has very high bedload sediment transport. Severe watershed damage occurred from January 1997 flooding. Phase I sediment TMDL to be completed using 1998 Section 104/106 grant funds; Phase II to begin in 1998 using Section 205(j) funds.</i>						
				Construction/Land Development Other Urban Runoff Hydromodification Drainage/Filling Of Wetlands Highway Maintenance And Runoff Natural Sources Recreational Activities Nonpoint Source						
6	R	SUSAN RIVER	637.200	Unknown Toxicity		High	59	Miles		
				<i>River affected by natural and man-made geothermal discharges and by agricultural drainage. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Agriculture Other Urban Runoff Highway Maintenance And Runoff Natural Sources Source Unknown Nonpoint Source						
6	R	TRUCKEE RIVER	635.200	Sedimentation/Siltation		High	106	Miles	1195	0199
				<i>Watershed disturbance including ski resorts, silvicultural activities, urban development, reservoir construction and management; highly erosive subwatersheds. Phase I sediment TMDL to be completed using 1998 Section 104/106 grant funds; Phase II work, using Section 205(j) funds to begin in 1998.</i>						
				Source Unknown						
6	R	TUTTLE CREEK	603.300	Habitat alterations		Low	10	Miles		
				<i>Livestock grazing problems. Potential for delisting following further monitoring. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Range Land						

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6	R	WARD CREEK	634.200	Sedimentation/Siltation		High	7	Miles		
				Watershed disturbance. TMDLs to be developed as part of those for Lake Tahoe during years 6-13 of the next 13 years of the TMDL development process, as resources permit.						
				Land Development Nonpoint Source						
6	R	WEST WALKER RIVER	631.000	Sedimentation/Siltation		High	1	Miles		
				Agriculture, flooding, highway construction. (Watershed severely impacted by January 1997 flood; 8 miles of highway washed out and reconstructed under emergency regulations with no CEQA analysis.) TMDLs to be addressed through WMI process (once priority watersheds are rotated), probably during years 6-13 of the next 13 years of the TMDL development process, as resources permit.						
				Agriculture Nonpoint Source						
6	R	WOLF CREEK (1)	632.100	Sedimentation/Siltation		High	14	Miles		
				Livestock grazing. Problems to be addressed as part of Carson River WMI effort during years 3-5 of the next 13 years of the TMDL development process, resources permitting.						
				Range Land						
6	S	ALKALI LAKE, LOWER	641.000	Salinity/TDS/Chlorides		Medium	10855	Acres	0198	0199
				Natural internally drained lake; affected by agricultural diversions from tributaries. Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.						
				Flow Regulation/Modification Natural Sources Nonpoint Source						
6	S	ALKALI LAKE, MIDDLE	641.000	Salinity/TDS/Chlorides		Medium	39475	Acres	0198	0199
				Natural internally drained lake affected by agricultural diversions from tributaries. Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.						
				Flow Regulation/Modification Natural Sources Nonpoint Source						

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
6	S	ALKALI LAKE, UPPER	641.000	Salinity/TDS/Chlorides		Medium	24250	Acres	0198	0199
				<i>Natural internally drained lake affected by agricultural diversions from tributaries. Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.</i>						
				Flow Regulation/Modification Natural Sources Nonpoint Source						
6	S	DEEP SPRINGS LAKE	605.000	Salinity/TDS/Chlorides		Medium	1400	Acres	0198	0199
				<i>Natural internally drained lake; "natural impairment" to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.</i>						
				Nonpoint Source						
6	S	HONEY LAKE	637.200	Arsenic		Medium	55327	Acres		
				<i>Arsenic is from ultimately from natural sources, but amounts are affected by agricultural/geothermal drainage. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, probably in connection with TMDLs for Susan River system.</i>						
				Flow Regulation/Modification Natural Sources Nonpoint Source						
				Salinity/TDS/Chlorides		Medium	55327	Acres		
				<i>Natural internally directed lake affected by agricultural and geothermal drainage. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, as resources permit (probably in connection with TMDLs for the Susan River.)</i>						
				Agriculture Natural Sources Nonpoint Source						
6	S	HONEY LAKE WILDFOWL MGMT. PONDS	637.200	Flow alterations		Medium	500	Acres		
				<i>Ponds were affected by 1980s drought. Further monitoring may support delisting for this parameter. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process.</i>						
				Agricultural Water Diversion						
				Metals		Medium	500	Acres		
				<i>Ponds were affected by 1980s drought; further monitoring may support delisting for this parameter. TMDLs, if needed, to be addressed during years 6-10 of the next 13 years of the TMDL development process, as resources permit.</i>						
				Agriculture Geothermal Development Natural Sources						

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LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

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				Salinity/TDS/Chlorides		Medium	500	Acres		
				<i>Ponds affected by agricultural, geothermal drainage. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Agriculture Geothermal Development Natural Sources						
				Trace Elements		Medium	500	Acres		
				<i>Geothermal and agricultural drainage. Further monitoring might support delisting. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.</i>						
				Geothermal Development Natural Sources						
6	S	LITTLE ALKALI LAKE	603.100	Arsenic		Medium	1	Acres	0198	0199
				<i>Naturally impaired (by geologic/geothermal sources); natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.</i>						
				Natural Sources						
6	S	MONO LAKE	601.000	Salinity/TDS/Chlorides		High	35000	Acres	0198	0199
				<i>Naturally saline, internally drained lake with increased TDS due to diversions of tributaries by Los Angeles Dept. of Water and Power. Natural high levels of toxic elements to be addressed through "easy" (already funded) TMDL using Section 104/106 grant funds.</i>						
				Flow Regulation/Modification Natural Sources Source Unknown						
6	S	OWENS LAKE	603.300	Salinity/TDS/Chlorides		Low	20000	Acres		
				<i>Natural internally drained saline lake with lake level decreased, salinity increased due to diversions of tributaries by Los Angeles Department of Water and Power. Pending project by Great Basin Unified Air Pollution Control District may restore some beneficial uses to part of lakebed. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, as resources permit. [20,000 acre area figure reflects past Corps of Engineers delineation of brine pool; natural lake bed is much larger.]</i>						
				Flow Regulation/Modification Natural Sources						
6	S	SEARLES LAKE	621.000	Salinity/TDS/Chlorides		Medium	26100	Acres	0198	0199
				<i>Naturally saline, internally drained desert playa lake. Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.</i>						
				Source Unknown						

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LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
6	W	AMEDEE HOT SPRINGS	637.200	Metals		Medium	1	Acres	0198	0199
				Natural geothermal springs developed for energy production; natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.						
				Natural Sources						
6	W	BIG SPRINGS	603.100	Arsenic		Medium	1	Acres	0198	0199
				Natural geothermal source of arsenic at headwaters of Owens River. Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.						
				Natural Sources						
6	W	CINDER CONE SPRINGS	635.000	Nutrients		Medium	1	Acres		
				Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978).						
				Source Unknown						
				Salinity/TDS/Chlorides		Medium	1	Acres		
				Subsurface drainage from former wastewater disposal area. Has not been monitored routinely in recent years; further monitoring may support delisting. TMDLs, if needed, to be addressed during years 3-5 of the next 13 years of the TMDL development process, as resources permit.						
				Wastewater						
6	W	FALES HOT SPRINGS	631.000	Metals		Medium	1	Acres	0198	0199
				Natural geothermal springs; natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.						
				Natural Sources						
6	W	HONEY LAKE AREA WETLANDS	637.200	Metals		Medium	12000	Acres		
				Geothermal drainage; effects of saline Honey Lake water. To be addressed during years 6-13 of the next 13 years of the TMDL development process, probably as part of TMDLs for Honey Lake and Susan River.						
				Agriculture						
				Geothermal Development						
				Natural Sources						
				Nonpoint Source						
6	W	KEOUGH HOT SPRINGS	603.000	Metals		Medium	1	Acres	0198	0199
				Natural geothermal springs developed for recreation. Natural impairment to be documented as "easy" (already funding) TMDL using 1998 Section 104/106 grant funds.						
				Natural Sources						

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LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
6	W	TOP SPRING	637.200	Radiation		Medium	1	Acres	0198	0199
				<i>Natural source (spring was developed as domestic water source for USFS ranger station and abandoned after testing showed MCL exceedance.) Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.</i>						
				Natural Sources						
6	W	WENDEL HOT SPRINGS	637.200	Metals		Medium	1	Acres	0198	0199
				<i>Natural geothermal spring developed for energy. Metals source to be documented as natural for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.</i>						
				Natural Sources						

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
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ABBREVIATIONS

REGIONAL WATER QUALITY CONTROL BOARDS

- 1 North Coast
- 2 San Francisco Bay
- 3 Central Coast
- 4 Los Angeles
- 5 Central Valley
- 6 Lahontan
- 7 Colorado River Basin
- 8 Santa Ana
- 9 San Diego

WATER BODY TYPE

- | | | |
|------------------------|-------------------------|-------------------------|
| B = BAYS AND HARBORS | I = LAKES / RESERVOIRS | S = SALINE LAKES |
| C = COASTAL SHORELINES | O = OCEAN AND OPEN BAYS | T = WETLANDS TIDAL |
| E = ESTUARIES | R = RIVERS / STREAMS | W = WETLANDS FRESHWATER |
| G = GROUND WATER | | |

HYDRO UNIT

"Hydro Unit" is the State Water Resources Control Board hydrological subunit area.

START AND END DATES

Start and End Dates are shown as the year or as month/year.

"GROUP A" or "CHEM A" PESTICIDES

aldrin, dieldrin, chlordane, endrin, heptachlor, heptachlor epoxide, hexachlorocyclohexane (including lindane), endosulfan, and toxaphene

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